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HAMII TON	<b>BDOOK'SM</b>	TTH &	REYNOLDS, P.C.
HAMILIUM,	DKOOK, SM		RETHOLDS, 1.C.

UTILITY	
PATENT APPLICATION	
TRANSMITTAL	

(Only for new nonprovisional applications under 37 C.F.R 1.53(b))

Attorney Docket No.	2376.2004-000
First Named Inventor or Application Identifier	John C. Carrick
Express Mail Label No.	EV 005367485 US
V DEEL ECTOMETRY	LISING AN OPTICAL SIGNAL WITH

Title of Invention SWEPT FREQUENCY REFLECTOMETRY USING AN OPTICAL SIGNAL WITE SINUSOIDAL MODULATION

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APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO	Assistant Box Pate Washing	t Commissioner for Patents ent Application ton, D.C. 20231		
	mittal Form original, and a duplicate	for fee processing)		icable, all necessa			
Specification Total Pages [ 34 ]     (preferred arrangement set forth below)     Descriptive title of the invention     Cross References to Related Applications     Statement Regarding Fed sponsored R & D     Reference to sequence listing, a table, or a computer program listing appendix		a. [] b. [] c. []	[ ] Pages	ifying identity of above copies			
- Backgr	round of the Invention		AC	ACCOMPANYING APPLICATION PARTS			
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings</li> <li>Detailed Description</li> <li>Claim(s)</li> <li>Abstract of the Disclosure</li> </ul>					er sheet & documents) Operations, Inc. Lle, IL 60563		
3. [X] Drawing(s	s) (35 U.S.C. 113) To	otal Sheets [ 19 ]  ublication [ 4A ]		of Attorney	[ ] 37 C.F.R. 3.73(b) Statement		
	Figure to be Published			Translation Doc	ument (if applicable)		
4. [] Oath or D	eclaration T	otal Pages [ ]	10. [ ] Information	ation Disclosure ent (IDS)/PTO-14	[ ] Copies of IDS Citations		
a. [ ]     1	Newly executed (origin	al or copy)	11. [ ] Prelimi	nary Amendment			
b. [ ] (	b. [] Copy from a prior application (37 C.F.R 1.63(d)) (for continuation/divisional with Box 17 completed)			Receipt Postcard			
i. [] <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).			14a. [ ] Foreign 14b. [ ] Certified 15. [ ] Nonpu	ed Copy of Priorit	nder 35 U.S.C. §119 or 365		
<ol> <li>CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> </ol>			16. [ ] Other				
Togram	Пррениму						
		ON, check appropriate					
[ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No.:							
1.1	Prior application information: Examiner: Group Art Unit:						
The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.  (Add standard Related Applications section with incorporation by reference to specification or update same)							
		18. CORRES	PONDENCE ADD	RESS			
NAME	Customer No. 0		101 00 00				
	1	ROOK, SMITH & REY	NOLDS, P.C.				
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COOMING			1				

Signature	May B Colonio	Date	1/30/02
Submitted by Typed or Printed Name	Mark B. Solomon	Reg. Number	44,348